

**AT AUCTION**  
BY **WILL E. FISHER**  
**AUCTIONEER**

Telephone Main 424.

## SEISMOGRAPH HAS RECORDED NO HEAVY SHOCKS SINCE FIRST

**No Entry of Sunday's Quakes at San Francisco  
Excepting Small One at 11 P. M.--How  
Magnetic Station Is Equipped.**

In a small, wooden, almost air-tight little structure built upon a foundation of coral reef outcrop half way between Ewa sugar plantation and the seashore on this island, the tremors of Mother Earth are recorded, and those which raged San Francisco last Wednesday, as well as subsequently, have been traced minutely and photographically on a sensitized tape. The tremendous shock of Wednesday caused the pendulum needle to make terrific gyrations across the tape. On Friday slighter shocks were recorded, and a visit by an Advertiser man to the little house yesterday afternoon revealed the fact that at 11 o'clock Sunday night still another light shock was registered.

Dispatches from San Francisco on Sunday afternoon said that two shocks had been felt. Both these items were received during the course of the afternoon. No such quakes are shown on the tape of the magnetic station at Sinal.

R. E. Nyswander, in charge of the United States Magnetic Station of the Geodetic and Coast Survey, developed the tape after last Wednesday's earthquake, and on Friday did the same for the remainder of the tape up to that time. Both of these results have been told in the Advertiser.

An Advertiser man went to the magnetic station yesterday afternoon. Ewa plantation furnished him with a horse and facilitated his efforts to obtain the latest results. On arrival at the station Mr. Nyswander was found in one of the magnetic houses taking his weekly figures of possible magnetic variations in the dip of the earth toward the North Pole. He was tremendously busy and had not heard up to that time of the dispatches from San Francisco announcing further shocks on the coast. After finishing with the magnetic instruments, he turned his attention to the "Earthquake House," which is some distance apart. It is a queer-shaped structure. It is sunk into the coral reef a couple of feet so that the floor is perhaps two feet below the surface of the ground. It is windowless save for one aperture which is provided with a red glass usually found in photographer's dark-rooms. After passing through one door, the visitor finds himself in a small ante-room, with just room enough to turn around in. The door is closed and then an inner door is opened. This opens into the room where the tremors of the earth are recorded. In the dim light which percolates through the red glass the outlines of some dark-wood cases are to be seen, while the ear is smitten with the regular tick-tack of a clock. A small lamp with a dim light stands upon the cover of the box beneath which is the delicate pendulum which registers the quakes.

After shutting off the clock-work and therefore stopping the tape from moving on its constant way beneath the pendulum, the red window is thrown open, and the casings of wood are removed revealing the main instrument. There is a vertical metal post and from the lower part there projects horizontally a long slender boom, the end of which is just above the sensitized tape. A tiny thread runs from the outer end of the boom to the top of the metal post. If a bit of canvas were fitted to the boom and thread it might suggest the appearance of a toy yacht's mast and rigging.

The instruments are known as the Milne Horizontal Pendulum. Its bearings are hard steel points in order to minimize friction, and the mountings are of the most accurate kind.

The outer end of the boom carries a thin metallic plate with a slit in it. Underneath the end of the boom is a box containing a roll of sensitized paper driven by clockwork. In the cover of the box is a slit identical with the slit in the pendulum so that a beam of light passing both slits falls upon the photographic roll of paper tracing a sinuous line as the boom moves right or left. This beam of light falls upon a mirror and is reflected by that through the first slit and falls upon the slowly moving ribbon.

The boom is four feet long and carries a sliding weight. It has a cup of quartz at the inner end which rests upon a hard steel point set in the upright steel post.

The whole apparatus is enclosed in wooden boxes to shield it from air currents, which have an effect upon the pendulum.

The instruments are placed to point north and south and so take mainly shocks which are east and west in movement. It is susceptible only to quakes elsewhere in the world than in the islands. Shocks here would hardly be traced on the tape. This is accounted for by Mr. Nyswander as follows: The instrument is attuned to tremors from other sections of the world. Take two piano strings and have each attuned to the other. Twang one and the other will sing. If they are not attuned to each other the twang of one does not start the other. That is the case with the Sinal instrument. It is attuned with the world in

general and not the islands in particular.

Cockroach powder is plentifully sprinkled about the earthquake boxes. There is mucilage on the end of the boom and cockroaches are susceptible to this tempting edible. The result is that some cockroaches have invaded the interior of the earthquake house and have even gotten into the boxes. Mr. Nyswander does not attempt under present circumstances to catch such a cockroach, as a shock may need to be recorded any instant. That cockroach, it is said, could make the biggest earthquake tracing on record and have it recorded on the tape, should he take it into his head to travel along that boom or up the tiny threads holding the boom in position.

The whole earthquake recording system suggests that Mr. Nyswander is one of the caretakers of Mother Earth's nervous system, and the tape indicates that she is now having a case of nervous prostration.

### ANXIOUS INQUIRIES ABOUT STANFORD

A. Lewis, Jr., one of the pioneer graduates of Leland Stanford, sent the following message of inquiry to his alma mater at noon yesterday: "President Jordan, Stanford University. 'Any Honolulu student injured? What buildings destroyed?'"

### WORKS NOT BADLY HURT

SAN FRANCISCO, April 23.—11:50 a. m.—Damage to works will not exceed five hundred dollars. Everything working all right. LAHANEY.

(Mr. Lahane is Superintendent of the Pacific Guano and Fertilizer Works at the Potrero, San Francisco.)

### NOTES

A cablegram announces that the bark Edward May is O. K. at San Francisco.

The San Francisco earthquake occurred on the anniversary of Honolulu's first Chinatown fire which took place on April 18, 1896.

Telegrams are being sent from here to friends in San Francisco to the effect that Honolulu is at present a pretty good place to visit. These dispatches are being sent not only by kamaainas but by visitors.



E. A. FRASER, HONOLULU'S AGENT  
AT SAN FRANCISCO.

Superintendent Gaines of the Cable Company was justly angry yesterday afternoon when some one who had the sense of a calf patted an item on the cable office window to the effect that Monterey was in ruins. The practical jokers just at this time should receive initiation into the tar and feather degree.

Yesterday the banks were selling exchange on San Francisco as usual, as they naturally expect the bankers there to arrange at once to have the same honored. The tourists who are going through on the Nippon Maru however, did not care risking the matter of securing funds at the Coast on their letters of credit drawn on the San Francisco banks and drew the cash on them here as soon as they could reach the banks from the waterfront.

### SAN FRANCISCO RELIEF MOVEMENT

(Continued from Page 2.)

securing as large an amount as possible they realize that the duty of giving should not be made burdensome. The Rapid Transit Company have adopted a plan which the committee considers a most commendable one. The employees of that corporation have decided unanimously to give one day's wages each from the highest salaried employee to the man receiving the smallest salary toward the San Francisco fund.

The employees of the Honolulu Iron Works are also considering this plan which if carried out as fully as may be will result in a large donation to this very worthy object without imposing any hardship upon the givers. The Rapid Transit Company plan can be carried out in smaller concerns, in stores for instance, where there are only half a dozen employees or perhaps even less. The crews of ships in the harbor may also wish to join in such a movement and even the school children may desire to donate pennies that they have been saving, in order to help swell the fund.

It is hoped by the committee that the plan suggested may meet with general approval and be productive of good results.

Respectfully submitted,  
H. P. WOOD,  
Secretary, Executive Committee.

### THE CABLE SHIP RESTORER.

The officers and men of the cable ship Restorer were early in the run in collecting funds on the ship for the relief of the sufferers in San Francisco. A report was made to Secretary Wood yesterday that the ship had subscribed \$158.50. The Kakaako Mission Sunday School children sent a donation of \$9.10 to the same cause.

## MERCHANTS ANXIOUS

**Want to Know What  
Has Happened to  
Their Agencies.**

The matter of supplies is being discussed by the dealers in groceries. The failure of the vessels to leave San Francisco has given all of the dealers here various nuts to crack—and few of them have a cracker.

"We don't know just where we are at," said Manager Lucas of the H. May & Co. "Our agents in San Francisco were Williams, Dimond & Co. and their place of business is gone. We have not been advised of the firm's present location and as we have heard nothing from them we do not know whether they are prepared to fill our orders. Ours was the only merchandise account that had for Honolulu, though they still act for Hackfeld & Co. and one or two more agents, in the handling of sugar. The announcement that the Nevada will go North is cheering, but will the agents fill orders from there that were expected from San Francisco? Unless I hear this afternoon I will go up on the Ventura."

It seems surprising that men of large business experience do not communicate with their houses here—or their relatives in some instances. Mr. and Mrs. Hayes are in San Francisco and there are firms here more anxious to get Mr. Hayes' address than the government was to collect taxes from him as the representative of the Pacific Hardware and Steel Co. "Tell me where Hayes is," remarked E. O. White yesterday, "and I will feel easier. We do a lot of business with him and we are anxious to learn something about our orders."

Mr. White and Mr. Lucas are not alone in their anxiety—probably every mercantile house in the city has some of the same brand of trouble.

### HONOLULU WILL RAISE VERY SUBSTANTIAL SUM

(Continued from Page 2.)

those bodies. He said if their donations could pass through this committee there would be no difficulty of raising fifty thousand dollars for the sufferers. It would mean something if it were learned that Hawaii had contributed that sum.

Governor Atkinson arrived at this time and said that Hawaiian Lodge has no strings on it nor on the money. It will go through the hands of this committee. As to the Elks' donation the members want to distribute it through their own channels but it could still be handled by this committee and used as directed by the local lodge.

Mr. Hughes said the money donated by the lodges was all treasury money and not donated by the members of the orders. There was an exception in the case of the Elks, \$1000 being given by the lodge and the other thousand by the members individually.

Mr. Galt said it would be well to avoid mixing things as far as possible. The people would certainly object to being gone after more than once. He moved that the chair appoint a committee to solicit funds from all of the business houses and to suggest to the managers the Rapid Transit plan. There should be another committee appointed to wait upon the heads of the local fraternal orders. In that way but one visit would be made to an individual or a firm.

Mr. McCandless said he would like Honolulu to make a good showing; there is great distress over there among the people and while we have set our mark at \$50,000 there is no reason why we should stop there—we must not be satisfied with that; we must have more.

Mr. Galt said the time is so short

that it might be well to send all possible on the Ventura and let the rest follow later, but that committees must be appointed to save confusion. Mr. Dillingham approved the plan.

The chair wanted a committee of four and to have the town laid out in districts. Trent suggested a committee of two to call upon the banks and the agents for the sugar companies; another committee to call upon the merchants and to visit the small dealers. There is a lot of money here waiting to be sent away for this cause, but the people did not know where to send it or who to pay it over to. One good lady called upon him today and left fifty dollars for the sufferers because she had no knowledge where it should be paid.

There was some discussion on this point, but it ended by the passing of a motion to the effect that the committee of the Merchants' Association be asked to withdraw. Mr. Galt said it did not make any difference to this committee how the money was collected or how it was sent; what was wanted was money. The motion to appoint committees to solicit from banks and business houses carried. Mr. Galt said that as each party was called upon, the Rapid Transit plan might be suggested and Mr. Dillingham said it should be more than a suggestion.

Mr. McCandless said Executive Secretary Wood should be asked to prepare a letter which, he thought, the Advertiser would be glad to publish, calling attention to the action of the men employed by the Rapid Transit Co. This was put as a motion and carried and the following committees appointed:

District No. 1, makai side of King street and on the west side of Fort street, to the river: Messrs. Galt, Hughes and Shiozawa.

District No. 2, east side of Fort street, makai of King street: E. A. McInerney, W. F. Dillingham and R. W. Shingle.

District No. 3, east side of Fort street, mauka of King street: Father Valentin, R. H. Trent and W. H. Harris.

District No. 4, west side of Fort street, mauka of King: Messrs. J. A. McCandless, Ho Fon and G. J. Waller.

The chair expressed the opinion that the committees would have to get to work and put in good time for the next day or two. Mr. Shingle, who had been at the telephone for several minutes, returned to the table and stated that he had been informed by Mr. Tenney over the 'phone that Castle & Cooke would donate the sum of one thousand dollars and set the pace.

This was applauded and Mr. Galt asked if the committee was to collect money from the people willing to give or merely take subscriptions. The chair replied, "Cash down," and Bishop Libert added that money in hand was better than a promise. Collect as you go and save the bother of going around a second time. There was a short discussion relative to the fraternal organizations and Mr. Shingle presented the following resolution, which was unanimously adopted:

"Whereas, This committee is desirous of notifying the San Francisco sufferers that a substantial sum has been raised for their relief, therefore, be it

"Resolved, That the fraternal orders of the city of Honolulu, having appropriated, or who may appropriate, sums of money for the relief of the San Francisco sufferers, be requested to turn over the funds to the Executive Committee, appointed by Acting Governor Atkinson, with the understanding that the same will be reappropriated in any manner and among such persons in San Francisco as they may desire."

The mover said there were \$14,000 on the list appropriated by fraternal organizations and it would be well if this amount could be made a part of the general donation under the conditions named in the resolution. All of the money collected under the direction of the committee would be placed in the hands of the treasurer, L. Tenney Peck, and if it was found necessary it will be transmitted by cable if it can not be had before the departure of Mr. Morgan. The following places are designated as depositories for relief funds:

Benson, Smith & Co., the Hollister Drug Co., Hoborn-Newman Drug Co., the Chambers Drug Co. and the Honolulu Drug Co., Hawaiian Trust Co., the Henry Waterhouse Trust Co., M. McInerney, R. H. Trent, the rooms of the Promotion Committee, the Hawaiian Hotel, the Alexander Young Hotel and the Moana.

The committee will meet at the Bank of Hawaii at 9 o'clock this morning.

### THOSE SAFE IN SAN FRANCISCO

The following additions to the list of those who are safe were made by cablegrams received yesterday:

Capt. von Otterdorp, S. F.  
J. T. Warren's mother and sister, Berkeley.  
Mrs. O. J. Bettis, Broderick street, S. F.  
A. Alston Deas' sister.  
Maurice Brach's sister, 2018 Bush.  
Mr. Schultze, Mrs. Pfotenbauer and Mr. and Mrs. Humburg safe in Oakland.  
C. J. Cooper, of Wm. G. Irwin & Co.  
J. W. Jones' family at Webster and Fulton streets.  
Son of S. B. Rose.  
Roscoe W. Perkins' father, Haight and Scott and Page and Webster streets.  
Frank Jordan and Alexander May, Oakland.  
J. A. Hughes' relatives.  
Mrs. Capt. Bennett and child, sister of Mrs. F. L. Waldron.  
Mrs. J. P. Sargent, sister of Mr. Falk.

### WILL HANDLE ALL SHIPPING

SAN FRANCISCO, April 2.—12:00 m.—Office destroyed, all shipping left in hands of commercial bodies. HUMBURG.



STANFORD UNIVERSITY CHAPEL

**AT AUCTION**  
BY **WILL E. FISHER**  
**AUCTIONEER**

Telephone Main 424.

NOTE.—Parties desiring to assist the sufferers in San Francisco, and money not being convenient, may send to my salesrooms, such articles which they may be willing to dispose of for said purpose.

I will hold an auction sale of all such articles received on SATURDAY NEXT, and will give my services FREE OF CHARGE.

The following articles have been received from J. Rosenstein, Esq.  
1. Elegant Leather Pillow (raised work).  
1. Elegant Plaque (mangoes).

This list will be added to as goods are received with the donor's name affixed.

**WILL E. FISHER,**  
**AUCTIONEER.**

**Send  
In  
Your  
Goods  
For  
Wednesday's Sale**

**WILL E. FISHER,**  
**AUCTIONEER.**

Who?

Stanley Stephenson.

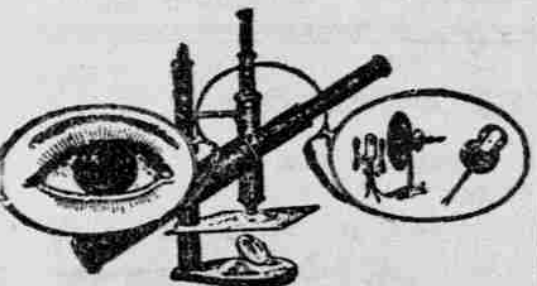
What?

The Painter.

Why?

His Work Lasts.

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## Eyes EXAMINED

"Eyes examined" may mean something for you or it may mean nothing; it depends upon the skill, knowledge, and fitness of the examiner.

Our examinations are conducted after the most approved methods, and, back of all, we have adequate knowledge of the eye and its needs.

**A. N. SANFORD**  
**OPTICIAN.**

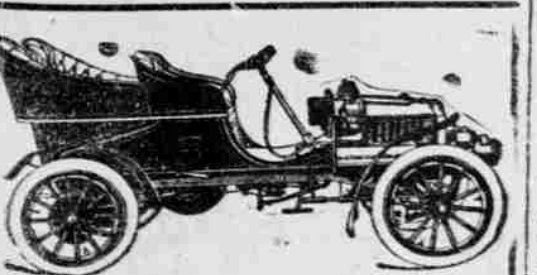
Boston Building, Fort Street, Over May & Co.

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